

INTERNATIONAL SEARCH REPORT

International Application No
PCT/FR2004/050575

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01J49/04 B05B5/025

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B01L B05B H01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 481 648 B1 (ZIMMERMANN HANS-PETER) 19 November 2002 (2002-11-19) the whole document	1-9
A	WO 98/35376 A (CALIFORNIA INSTITUTE OF TECHNOLOGY) 13 August 1998 (1998-08-13) page 3 - page 11; claims; figures 1,3	1-9
A	US 5 788 166 A (MCLAFFERTY FRED W ET AL) 4 August 1998 (1998-08-04) the whole document	1-9
A	US 2003/082080 A1 (ZIMMERMANN HANS-PETER ET AL) 1 May 2003 (2003-05-01) page 1 - page 4; claims; figures	1-9
A	DE 100 00 691 A (FRAUNHOFER GES FORSCHUNG) 26 July 2001 (2001-07-26) claims; figures	1-9

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

18 March 2005

Date of mailing of the international search report

01/04/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Thanbichler, P

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.
PCT/FR2004/050575

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 6481648	B1	19-11-2002	DE	19947496 A1	05-04-2001
WO 9835376	A	13-08-1998	AU	6135298 A	26-08-1998
			EP	0958593 A1	24-11-1999
			US	5994696 A	30-11-1999
			WO	9835376 A1	13-08-1998
US 5788166	A	04-08-1998	AU	4090397 A	19-03-1998
			WO	9808613 A1	05-03-1998
US 2003082080	A1	01-05-2003	DE	19947495 A1	17-05-2001
			DE	19964337 B4	16-09-2004
			US	6602472 B1	05-08-2003
DE 10000691	A	26-07-2001	DE	10000691 A1	26-07-2001
			WO	0151208 A1	19-07-2001